

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 107  | access\$4 near6 different near5 memor\$4 near5 structur\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/02/26 16:24 |
| S2    | 5    | (access\$4 near6 different near5 memor\$4 near5 structur\$4) same interface\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/02/26 14:59 |
| S3    | 51   | access\$4 near6 different near5 database\$4 near5 structur\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/02/26 15:06 |
| S4    | 4    | (access\$4 near6 different near5 database\$4 near5 structur\$4) same (interface\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/02/26 15:42 |
| S5    | 1532 | access\$4 near6 database\$4 near5 structur\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/02/26 15:20 |
| S6    | 3    | ((access\$4 near6 different near5 database\$4 near5 structur\$4) same (interface\$3)) and (access\$4 near6 database\$4 near5 structur\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/02/26 15:39 |
| S7    | 2    | "6138121".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/02/26 15:20 |
| S8    | 1    | "6138121".pn. and (first same interface\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/02/26 15:20 |
| S9    | 1    | ((((access\$4 near6 different near5 database\$4 near5 structur\$4) same (interface\$3)) and (access\$4 near6 database\$4 near5 structur\$4)) and ("6138121".pn. and (first same interface\$4))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/02/26 15:40 |

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|     |   |  |   |    |    |                  |
|-----|---|--|---|----|----|------------------|
| S10 | 1 | (((((access\$4 near6 different near5 database\$4 near5 structur\$4) same (interface\$3)) and (access\$4 near6 database\$4 near5 structur\$4)) and ("6138121".pn. and (first same interface\$4))) and network   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 11:27 |
| S11 | 1 | ((access\$4 near6 different near5 database\$4 near5 structur\$4) same (interface\$3)) and (((access\$4 near6 different near5 database\$4 near5 structur\$4) same (interface\$3)) and (access\$4 near6 database\$4 near5 structur\$4)) and ("6138121".pn. and (first same interface\$4)) and (((access\$4 near6 different near5 database\$4 near5 structur\$4) same (interface\$3)) and (access\$4 near6 database\$4 near5 structur\$4)) and ("6138121".pn. and (first same interface\$4)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/02/26 15:44 |
| S12 | 1 | ((access\$4 near6 different near5 database\$4 near5 structur\$4) same (interface\$3)) and (((access\$4 near6 different near5 database\$4 near5 structur\$4) same (interface\$3)) and (access\$4 near6 database\$4 near5 structur\$4)) and ("6138121".pn. and (first same interface\$4)) and (((access\$4 near6 different near5 database\$4 near5 structur\$4) same (interface\$3)) and (access\$4 near6 database\$4 near5 structur\$4)) and ("6138121".pn. and (first same interface\$4))) and (((access\$4 near6 different near5 database\$4 near5 structur\$4) same (interface\$3)) and (access\$4 near6 database\$4 near5 structur\$4)) and ("6138121".pn. and (first same interface\$4))) and network) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/02/26 15:44 |
| S13 | 2 | (access\$4 near6 different near5 memor\$4 near5 structur\$4) and (access\$4 near6 different near5 database\$4 near5 structur\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/02/26 16:24 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S14 | 2     | (access\$4 near6 different near5 memor\$4 near5 structur\$4) and (access\$4 near6 different near5 database\$4 near5 structur\$4) and (access\$4 near6 database\$4 near5 structur\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/02/26 16:24 |
| S15 | 529   | different near5 (data\$4 memor\$3) near5 structur\$4 near5 (access\$4 updat\$4 chang\$4 modif\$4)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 16:19 |
| S16 | 5     | (different near5 (data\$4 memor\$3) near5 structur\$4 near5 (access\$4 updat\$4 chang\$4 modif\$4)) same (consisten\$4)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 15:39 |
| S17 | 15    | (different near5 (data\$4 memor\$3) near5 structur\$4 near5 (access\$4 updat\$4 chang\$4 modif\$4)) same (consisten\$4 synchroniz\$4)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 15:47 |
| S18 | 538   | different near5 (data\$4 memor\$3) near5 format\$4 near5 (access\$4 updat\$4 chang\$4 modif\$4)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 15:47 |
| S20 | 21    | (different near5 (data\$4 memor\$3) near5 format\$4 near5 (access\$4 updat\$4 chang\$4 modif\$4)) same (consisten\$4 synchroniz\$4)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 15:47 |
| S21 | 17438 | separat\$e near5 access\$4   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 15:57 |
| S22 | 1     | ( separat\$e near5 access\$4 ) same (consisten\$4 near5 (updat\$4 chang\$4))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/17 13:01 |
| S23 | 6     | dissimilar\$4 near5 (data\$4 memor\$3) near5 structur\$4 near5 (access\$4 updat\$4 chang\$4 modif\$4)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/27 16:05 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S24 | 11    | dissimilar\$4 near5 (data\$4 memor\$3) near5 (structur\$4 format\$4) near5 (access\$4 updat\$4 chang\$4 modif\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/09/27 16:05 |
| S25 | 11    | (dissimilar\$4 near5 (data\$4 memor\$3) near5 structur\$4 near5 (access\$4 updat\$4 chang\$4 modif\$4)) or (dissimilar\$4 near5 (data\$4 memor\$3) near5 (structur\$4 format\$4) near5 (access\$4 updat\$4 chang\$4 modif\$4))                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 12:52 |
| S26 | 5     | ((dissimilar\$4 near5 (data\$4 memor\$3) near5 structur\$4 near5 (access\$4 updat\$4 chang\$4 modif\$4)) or (dissimilar\$4 near5 (data\$4 memor\$3) near5 (structur\$4 format\$4) near5 (access\$4 updat\$4 chang\$4 modif\$4))) and (consisten\$4 synchroniz\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/09/27 16:06 |
| S27 | 0     | each near5 (access\$4 updat\$4 chang\$4 modif\$4) near5 diferent near5 (memor\$4 data)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/09/27 16:09 |
| S28 | 0     | each near5 (access\$4 updat\$4 chang\$4 modif\$4) near5 different near5 (memor\$4 data)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/09/27 16:10 |
| S29 | 18861 | (access\$4 updat\$4 chang\$4 modif\$4) near5 different near5 (memor\$4 data)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/09/27 16:10 |
| S30 | 167   | ((access\$4 updat\$4 chang\$4 modif\$4) near5 different near5 (memor\$4 data)) same ((consiten\$4 synchroniz\$4) near5 (memor\$4 data))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/09/27 16:17 |
| S31 | 1505  | (consisten\$4) near5 (data memor\$4) near5 (updat\$4 modif\$4 chang\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/09/27 16:19 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S32 | 116 | (different near5 (data\$4 memor\$3) near5 structur\$4) and (consisten\$4) near5 (data memor\$4) near5 (updat\$4 modif\$4 chang\$3))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:03 |
| S33 | 18  | multipl\$4 near4 user\$3 near5 access\$4 near5 "different" near5 database\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/09/28 10:12 |
| S34 | 2   | "6351744".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/09/28 10:12 |
| S35 | 1   | "6351744".pn. and (consisten\$4 same (updat\$4 chang\$4 modif\$4))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/09/28 10:39 |
| S36 | 1   | (multipl\$4 near4 user\$3 near5 access\$4 near5 "different" near5 database\$3 ) and "6351744".pn. and ("6351744".pn. and (consisten\$4 same (updat\$4 chang\$4 modif\$4)))              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/09/28 10:40 |
| S37 | 42  | (different\$4 independent\$4) near5 (user\$4 client\$4) near5 (access\$4) near5 (chang\$4 updat\$4) near5 data\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/11 13:49 |
| S38 | 26  | ((different near5 (data\$4 memor\$3) near5 structur\$4 near5 (access\$4 updat\$4 chang\$4 modif\$4)) same (consisten\$4 synchroniz\$4)) same (consisten\$4 synchroniz\$4)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 12:48 |
| S39 | 3   | ((((access\$4 near6 different near5 database\$4 near5 structur\$4) same (interface\$3)) and (access\$4 near6 database\$4 near5 structur\$4)) and (first same interface\$4) and network) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 12:46 |
| S40 | 4   | (access\$4 near6 different near5 database\$4 near5 structur\$4) same (interface\$3) and (access\$4 near6 database\$4 near5 structur\$4) and (different same interface\$4)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 12:48 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S41 | 26  | ((different near5 (data\$4 memor\$3) near5 structur\$4 near5 (access\$4 updat\$4 chang\$4 modif\$4)) same (consisten\$4 synchroniz\$4)) same (consisten\$4 synchroniz\$4)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:07 |
| S42 | 152 | updat\$4 near5 database\$4 near5 (multi\$5 different\$3 many) near5 (user\$3 client\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 12:54 |
| S43 | 47  | S42 and (consisten\$4 synchroniz\$4) near5 (data reocord\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 12:54 |
| S44 | 236 | ( separat\$e near5 access\$4 ) and (consisten\$4 near5 (updat\$4 chang\$4))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:02 |
| S45 | 1   | S41 and S44  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:02 |
| S46 | 155 | (different near5 (data\$4 memor\$3)) and S44   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:03 |
| S47 | 56  | (different near5 (data\$4 memor\$3)) near5 access\$4 and S44   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:05 |
| S48 | 628 | multi\$4 near5 user\$3 near5 access\$4 near5 database\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:21 |
| S49 | 62  | S48 and consisten\$4 near5 (updat\$4 chang\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:16 |



## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S50 | 147 | S48 and consisten\$4 near5 (data\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:22 |
| S51 | 51  | S48 and consisten\$4 near5 (data\$4) near5 (updat\$4 chang\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:16 |
| S52 | 0   | multi\$4 near5 user\$3 near5 access\$4 near5 database\$4 near5 (updat\$4 chang\$4 modif\$4) near5 consisten\$4                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:22 |
| S53 | 43  | multi\$4 near5 user\$3 near5 access\$4 near5 database\$4 near5 (updat\$4 chang\$4 modif\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:41 |
| S54 | 9   | S53 and consisten\$4 near5 (data\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:41 |
| S55 | 126 | multi\$4 near5 user\$3 near5 database\$4 near5 (updat\$4 chang\$4 modif\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:04 |
| S56 | 29  | S55 and consisten\$4 near5 (data\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:08 |
| S57 | 174 | (many different\$4) near5 user\$3 near5 database\$4 near5 (updat\$4 chang\$4 modif\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:55 |
| S58 | 47  | S57 and consisten\$4 near5 (data\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:56 |
| S59 | 129 | (different near5 (data\$4 memor\$3) near5 structur\$4) and (consisten\$4) near5 (data memor\$4) near5 (updat\$4 modif\$4 chang\$3)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:03 |

## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S60 | 0   | S55 and S59  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:04 |
| S61 | 589 | multi\$4 near5 user\$3 near5<br>database\$4 near5 access\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:17 |
| S62 | 31  | S59 and S61  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:25 |
| S63 | 330 | multi\$4 near5 user\$3 near5<br>(access\$4 updat\$4 chang\$4<br>modif\$4) same (consisten\$4<br>synchroniz\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:08 |
| S64 | 106 | S63 and consisten\$4 near5<br>(data\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:18 |
| S65 | 673 | multi\$4 near5 user\$3 near5<br>database\$4 near5 (access\$4<br>updat\$4 chang\$4 modif\$4)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:27 |
| S66 | 153 | S65 and consisten\$4 near5<br>(data\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:35 |
| S67 | 510 | databas\$4 near5 (updat\$4<br>chang\$4 modif\$4) near5<br>consisten\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:25 |
| S68 | 13  | S67 and S65  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:33 |
| S69 | 566 | (different\$3 many\$4) near5<br>user\$3 near5 database\$4 near5<br>(access\$4 updat\$4 chang\$4<br>modif\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:31 |



## EAST Search History

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S70 | 10  | S67 and S69  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:32 |
| S71 | 80  | (different\$3 many\$4) near5<br>interfac\$3 near5 database\$4 near5<br>(access\$4 updat\$4 chang\$4<br>modif\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:32 |
| S72 | 1   | S67 and S71  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:32 |
| S73 | 756 | independen\$4 near5 database\$4<br>near5 (access\$4 updat\$4 chang\$4<br>modif\$4)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:32 |
| S74 | 16  | S67 and S73  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:33 |
| S75 | 255 | S65 and integr\$4 near5 (data\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:35 |